

Claim Listing

1-36. (Cancelled)

37. (Currently amended) An isolated DIO-1 polypeptide coded for by SEQ ID NO: 1 and ~~functionally equivalent~~ functional variants and alleles thereof.

38. (Currently amended) The polypeptide of Claim 37, comprising the mature human amino acid sequence of SEQ ID NO:3 and ~~functionally equivalent~~ functional variants thereof.

39. (Currently amended) An isolated DIO-1 polypeptide derived from the DNA sequence SEQ ID NO:2 and ~~functionally equivalent~~ functional variants and alleles thereof.

40. (Currently amended) An isolated DIO-1 polypeptide derived from the DNA sequence SEQ ID NO:2 and functional variants and alleles thereof, comprising the mature murine amino acid sequence in SEQ ID NO: 4.

41-57. (Cancelled)

58. (Previously presented) A pharmaceutical formulation comprising a polypeptide of SEQ ID NO:3 or SEQ ID NO: 4, and one or more therapeutically acceptable excipients.

59-60. (Cancelled)

61. (Previously presented) An isolated polypeptide according to SEQ ID NO:3 or SEQ ID NO: 4 for use as a medicament.